



NITFS Compliance Registration



Product: OS CONVERT Version 3.5

Sponsor: OSMP
F

Developer: ITT Space Systems
Division

Date: 02 October 2009

Expiration: 01 October 2011

Registration #: 1038

- ☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

☒ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpr							
Genera							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpr							
Genera							

Configurations Tested:

NITFS Features Implemented:

Format NITF

- ☒ 2.1
☐ 2.0
☐ 1.1

NSIF

- ☐ 1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☒ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☒ STA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☒ RGB
☐ RGB/LUT
☐ YCbCr
☒ MULTI
☐ NODISPLAY
☐ POLAR

Image Compression

- ☒ No compression
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☒ JPEG 2000 (NPJE)
☐ Bi-Level
☐ Vector Quantization

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Open Skies Header Data
☒ Controlled Extensions **
☐ Registered Extensions **


Tagged Record Extensions

- ☒ AIMIDB
☒ ICHIP
☒ HISTO
☒ PIAIMC
☒ J2KLRA
☒ USSAR1

Legend

- Interpret
Gen
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.


VALERIE BAKER, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program